

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	276	(optical or (photo near1 diode)) and amplifier and (feed near1 back)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/18 10:44
L3	72	(optical or (photo near1 diode)) and amplifier and (feed near1 back) and (330/308 or 330/59 or 250/214A or 250/214AG or 330/288).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 10:51
L5	234	(optical or (photo near1 diode)) and amplifier and (feed near1 back) and ((emitter or source) near1 follower)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 11:07
L7	131	(330/85 or 330/86 or 330/110).ccls. and (optical or (photo near1 diode))	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/18 11:10
S1	395	(330/308).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/08 10:21
S2	520	(250/214A).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 13:26
S3	215	(250/214AG).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/28 15:03
S4	575	(330/59).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/28 15:03
S5	268	330/308.ccls. and (feedback or ((feed or fed) near1 back))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 09:23
S13	65	330/308.ccls. and (feedback or ((feed or fed) near1 back)) and (emitt\$5 adj follow\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/31 09:23
S38	415	(330/308).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/08 11:24
S58	64	(optical or (photo near1 diode)) and amplifier and (feed near1 back) and (330/308 or 330/59 or 250/214A or 250/214AG or 330/288).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:09
S59	268	(optical or (photo near1 diode)) and amplifier and (feed near1 back)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/18 10:16
S60	189	(optical or (photo near1 diode)) and amplifier and convert\$3 and buffer\$3 and (330/308 or 330/59 or 250/214A or 250/214AG or 330/288).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:18

S61	19	(optical or (photo near1 diode)) and amplifier and ((current near voltage) near1 convert\$3) and buffer\$3 and (330/308 or 330/59 or 250/214A or 250/214AG or 330/288).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:09
S63	156	(optical or (photo near1 diode)) and amplifier and ((current near voltage) near1 convert\$3) and buffer\$3 and ("330"/\$.ccls. or "250"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:20
S65	46	(optical or (photo near1 diode)) and (pre near1 amplif\$5) and amplifier and ((current near voltage) near1 convert\$3) and buffer\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 07:44
S72	8	amplifier and (pre near1 amplifier) and ((current near voltage) near1 convert\$3) and (optical ot photodiode)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/09 08:36
S73	93	amplifier and (pre near1 amplifier) and ((current near voltage) near1 convert\$3) and (optical ot photodiode)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 08:37


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IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
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IEEE STD	IEEE Standard

**Select Article Information**

- ☐ 1. **Broadband GaAs monolithic equalizing amplifiers for multigigabit-per-second optical receivers**  
Kikuchi, H.; Miyagawa, Y.; Kimura, T.;  
Microwave Symposium Digest, 1990., IEEE MTT-S International  
8-10 May 1990 Page(s):785 - 788 vol.2  
Digital Object Identifier 10.1109/MWSYM.1990.99697  
[Abstract](#) | Full Text: [PDF\(240 KB\)](#) IEEE CNF
- ☐ 2. **Analysis and design of HBT Cherry-Hooper amplifiers with emitter-follower feedback for opt**  
Holdenried, C.D.; Haslett, J.W.; Lynch, M.W.;  
Solid-State Circuits, IEEE Journal of  
Volume 39, Issue 11, Nov. 2004 Page(s):1959 - 1967  
Digital Object Identifier 10.1109/JSSC.2004.835819  
[Abstract](#) | Full Text: [PDF\(1048 KB\)](#) IEEE JNL
- ☐ 3. **Design and performance analysis of InP-based high-speed and high-sensitivity optoelectronic receivers**  
John, E.; Das, M.B.;  
Electron Devices, IEEE Transactions on  
Volume 41, Issue 2, Feb. 1994 Page(s):162 - 172  
Digital Object Identifier 10.1109/16.277384  
[Abstract](#) | Full Text: [PDF\(896 KB\)](#) IEEE JNL
- ☐ 4. **On the performance analysis and design of an integrated front-end PIN/HBT photoreceiver**  
Das, N.R.; Deen, M.J.;  
Quantum Electronics, IEEE Journal of  
Volume 40, Issue 1, Jan. 2004 Page(s):78 - 91  
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